

Filter technology



The DRUFI+ DFR/FR can be upgraded with the automatic backwash RSA (page 74) to a fully automatic system!

DESIGN PLUS

powered by: ISH



Product movie

DRUFI+ DFR 2315 and FR 2315 Backwash filter

DRUFI+ DFR Semi-automatic backwash filter with pressure reducing valve, pressure gauge, tundish (according to EN 1717), outlet pressure adjustment range 1.5 to 6 bar (factory set to 4 bar). Molded seal, screws and Allen key for the assembly included.

DRUFI+ FR Semi-automatic backwash filter with tundish (according to EN 1717). Molded seal, screws and Allen key for the assembly included.

Do not forget to order the SYR connection flange DN 20 to 32 (page 52)!

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C
Fluid	potable water
Flow rate DFR	
DN 20	2.3 m ³ /h at Δp 1.1 bar
DN 25	3.6 m ³ /h at Δp 1.1 bar
DN 32	5.8 m ³ /h at Δp 1.1 bar
Flow rate FR	
DN 20	3.0 m ³ /h at Δp 0.2 bar
DN 25	3.8 m ³ /h at Δp 0.2 bar
DN 32	3.9 m ³ /h at Δp 0.2 bar
DN 20	4.9 m ³ /h at Δp 0.5 bar
DN 25	6.1 m ³ /h at Δp 0.5 bar
DN 32	6.3 m ³ /h at Δp 0.5 bar
Mounting position	any, with angle tundish (accessories) also in horizontal position
Mesh width	90 μm
ABP.-No.	
DFR	P-IX 6952/I
FR	P-IX 6951/I

Order-No.

DRUFI+ DFR	2315.01.200
DRUFI+ FR	2315.01.201

- Prevents pitting and corrosion
- New backwash system with high efficiency
- Memory function: maintenance indicator as a reminder when backwashing is due
- Accessory: automatic backwash system RSA, no tools required when mounting



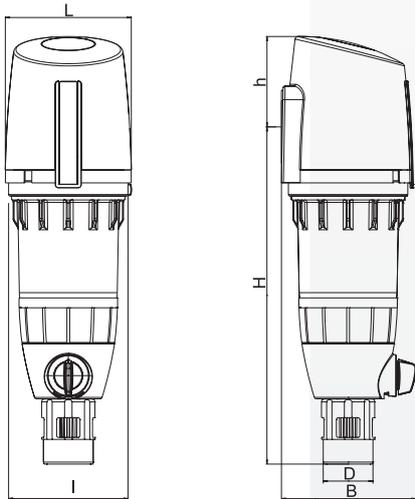
SYR expert advice

Use the angle tundish to mount the DRUFI in horizontal position!



Dimensions (mm)

H	341.5
h	92
L	127
I	120
D	50
B	135



Accessories

		Order-No.
Connection flange	DN 20	2315.20.200
	DN 25	2315.25.200
	DN 32	2315.32.200
Assembly key for filter cup		2000.25.907
Angle tundish		2315.01.924

Spare parts

Pressure reducing cartridge, up to 2015 retrofitting and replacement set 2315.01.925

Pressure reducing cartridge, from 2016 retrofitting and replacement set 2315.01.970

Filter insert, stainless steel filter mesh (90 µm) 2315.00.930 and O-ring for filter cup (40 µm) 2315.01.946 (20 µm) 2315.01.965

Valve body DFR 2315.01.918 FR 2315.00.929

Guide sleeve FR 2315.00.932

Spring DFR, FR 2315.00.961

Cover 2315.01.919

Pressure gauge for DRUFI+ 0 - 10 bar 2315.01.920

Filter cup up to 2015 DFR 2315.01.914 FR 2315.01.915

Filter cup from 2016 DFR 2315.01.971

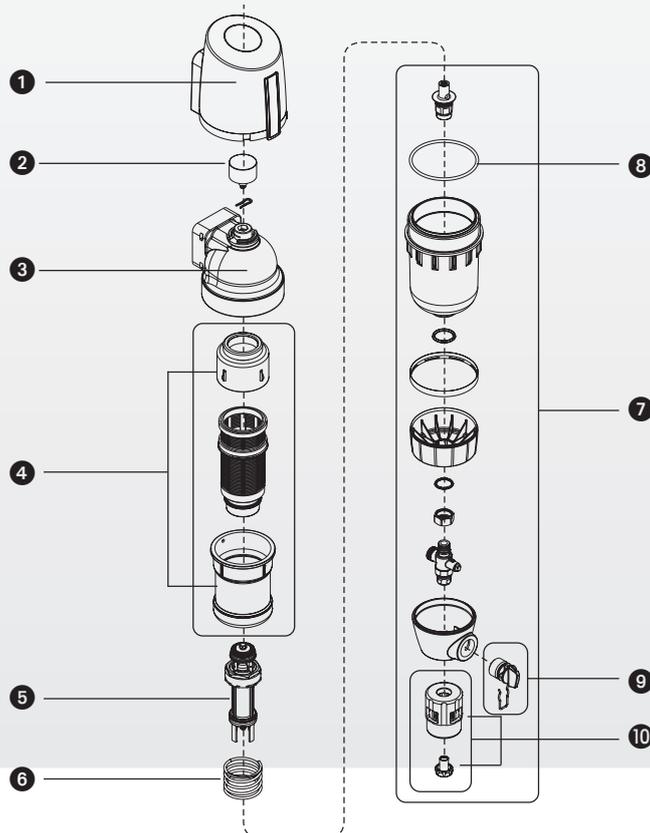
O-ring for filter cup 2315.01.922

Flange seal 2315.00.931

Backwash knob 2315.01.923

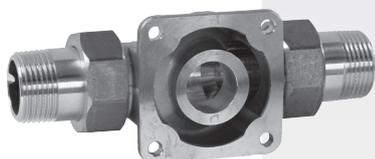
Tundish 2315.01.921

- 1 Cover
- 2 Pressure gauge
- 3 Valve body
- 4 Filter insert
- 5 Pressure reducing cartridge
- 6 Spring
- 7 Filter cup
- 8 O-ring for filter cup
- 9 Backwash knob
- 10 Tundish



SYR Flange program

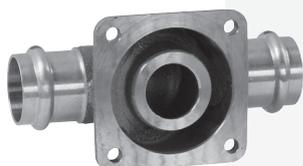
SYR's well-thought-out flange program perfectly fits the respective products. All flanges can be mounted in horizontal or vertical pipes.



Universal flange

For DRUFI+, SYR Softener and SafeTech+ as well as other SYR articles. Casing made of hot-stamped brass, with threaded unions on both sides, any mounting position.

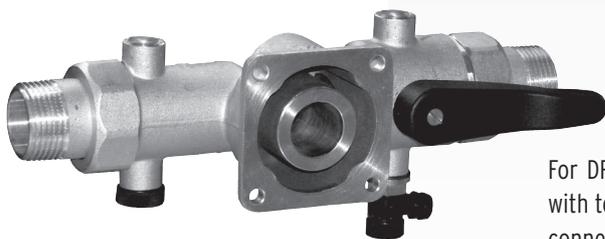
Universal flange	Order-No.
DN 20 Thread union	2315.20.200
DN 25 Thread union	2315.25.200
DN 32 Thread union	2315.32.200



Press flange

For DRUFI+, SYR Softener and SafeTech+ as well as other SYR articles. Casing made of gunmetal, with press fittings on both sides (Viega Press-System for the use in copper and stainless steel installations), any mounting position.

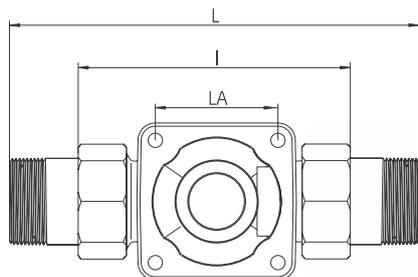
Press flange	Order-No.
22 mm	2315.20.025
28 mm	2315.25.025
35 mm	2315.32.025



Domestic water unit flange 2000 Plus

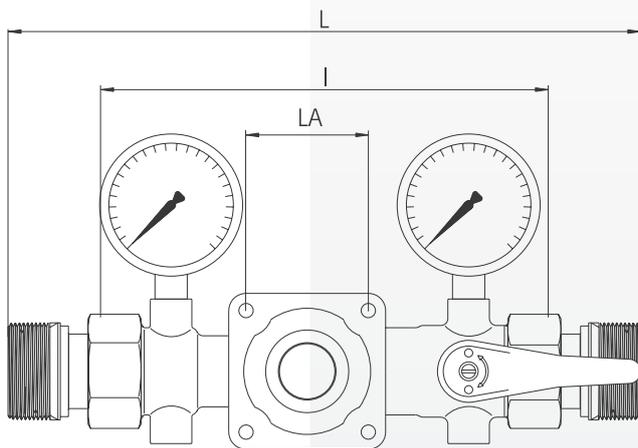
For DRUFI+ as well as other SYR articles. Casing made of gunmetal. Check valve with test device, shut-off valve for maintenance (ball valve), drain of main line and connections for inlet and outlet pressure manometer, with threaded unions on both sides, any mounting position. Inlet and outlet pressure manometers with vertical connection.

HWS-Flange 2000 Plus	Order-No.
DN 20 Thread union	2000.20.015
DN 25 Thread union	2000.25.015
DN 32 Thread union	2000.32.015



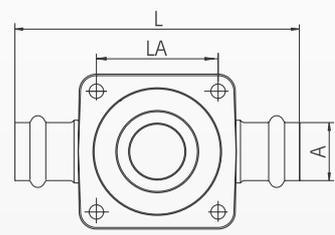
Dimensions Nominal size			
(mm)	DN 20	DN 25	DN 32
L	155	170	191
I	90	100	105
LA	53	53	53

Accessories Universal flange	Order-No.
Unions	
DN 20	0812.20.900
DN 25	0812.25.900
DN 32	0812.32.900



Dimensions Nominal size			
(mm)	DN 20	DN 25	DN 32
L	229	234	250
I	164	164	164
LA	53	53	53

Accessories DWU-Flange	Order-No.
Unions	
DN 20	0814.20.900
DN 25	0812.25.900
DN 32	0816.32.900
Spare parts DWU-Flange	
Pressure gauge	
10 bar	2000.00.906
25 bar	2000.00.907
Check valve	2000.00.910
Manometer plug	0828.08.000
Drain plug	2315.00.920
Isolating valve	2000.00.920



Dimensions Nominal size			
(mm)	DN 20	DN 25	DN 32
A	22	28	35
L	124	128	128
LA	53	53	53